OIPE

RAW SEQUENCE LISTING   DATE: 04/10/2001
PATENT APPLICATION: US/09/820,007   TIME: 16:44:16

ENTERED

     Input Set : A:\Seqlist.txt
     Output Set: N:\CRF3\04102001\I820007.raw

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  4 <110> APPLICANT: YAN, Chunhua et al
  6 <120> TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
  7        NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
  8        AND USES THEREOF
 10 <130> FILE REFERENCE: CL001205
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/820,007
C--> 12 <141> CURRENT FILING DATE: 2001-03-29
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 17 <211> LENGTH: 2434
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Human
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 24 ggaaaggggg ggaaacacca aatctatgat tggacctggg cttctttttc gccaatgcaa 180
 25 aaaggaatat gcagcacatt tttgccttct tctgcaccgg tttcctaggc gcggtagtag 240
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73              20                  25                  30
74 Asn Gln Gln Ser Gln Glu His Ala Ala Phe Arg Phe Ala Leu Ser Gln
75          35                  40                  45
76 Leu Thr Glu Pro Pro Lys Leu Leu Pro Gln Ile Asp Ile Val Asn Ile
77      50                  55                  60
78 Ser Asp Ser Phe Glu Met Thr Tyr Arg Phe Cys Ser Gln Phe Ser Lys
79 65                  70                  75                  80
80 Gly Val Tyr Ala Ile Phe Gly Phe Tyr Glu Arg Arg Thr Val Asn Met
81                  85                  90                  95
82 Leu Thr Ser Phe Cys Gly Ala Leu His Val Cys Phe Ile Thr Pro Ser
83              100                 105                 110
84 Phe Pro Val Asp Thr Ser Asn Gln Phe Val Leu Gln Leu Arg Pro Glu
85          115                 120                 125
86 Leu Gln Asp Ala Leu Ile Ser Ile Ile Asp His Tyr Lys Trp Gln Lys
87      130                 135                 140
88 Phe Val Tyr Ile Tyr Asp Ala Asp Arg Gly Leu Ser Val Leu Gln Lys
89 145                 150                 155                 160
90 Val Leu Asp Thr Ala Ala Glu Lys Asn Trp Gln Val Thr Ala Val Asn
91                  165                 170                 175
92 Ile Leu Thr Thr Thr Glu Glu Gly Tyr Arg Met Leu Phe Gln Asp Leu
93              180                 185                 190
94 Glu Lys Lys Lys Glu Arg Leu Val Val Val Asp Cys Glu Ser Glu Arg
95      195                 200                 205
96 Leu Asn Ala Ile Leu Gly Gln Ile Ile Lys Leu Glu Lys Asn Gly Ile
97      210                 215                 220
98 Gly Tyr His Tyr Ile Leu Ala Asn Leu Gly Phe Met Asp Ile Asp Leu
99 225                 230                 235                 240
100 Asn Lys Phe Lys Glu Ser Gly Ala Asn Val Thr Gly Phe Gln Leu Val
101                 245                 250                 255
102 Asn Tyr Thr Asp Thr Ile Pro Ala Lys Ile Met Gln Gln Trp Lys Asn
103              260                 265                 270
104 Ser Asp Ala Arg Asp His Thr Arg Val Asp Trp Lys Arg Pro Lys Tyr
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Input Set : A:\Seqlist.txt
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110 Gly Asp Cys Leu Ala Asn Pro Ala Val Pro Trp Gly Gln Gly Ile Asp
111                   325                   330                   335
112 Ile Gln Arg Ala Leu Gln Gln Val Arg Phe Glu Gly Leu Thr Gly Asn
113                   340                   345                   350
114 Val Gln Phe Asn Glu Lys Gly Arg Arg Thr Asn Tyr Thr Leu His Val
115             355                   360                   365
116 Ile Glu Met Lys His Asp Gly Ile Arg Lys Ile Gly Tyr Trp Asn Glu
117       370                   375                   380
118 Asp Asp Lys Phe Val Pro Ala Ala Thr Asp Ala Gln Ala Gly Gly Asp
119 385                   390                   395                   400
120 Asn Ser Ser Val Gln Asn Arg Thr Tyr Ile Val Thr Thr Ile Leu Glu
121                   405                   410                   415
122 Asp Pro Tyr Val Met Leu Lys Lys Asn Ala Asn Gln Phe Glu Gly Asn
123                   420                   425                   430
124 Asp Arg Tyr Glu Gly Tyr Cys Val Glu Leu Ala Ala Glu Ile Ala Lys
125             435                   440                   445
126 His Val Gly Tyr Ser Tyr Arg Leu Glu Ile Val Ser Asp Gly Lys Tyr
127       450                   455                   460
128 Gly Ala Arg Asp Pro Asp Thr Lys Ala Trp Asn Gly Met Val Gly Glu
129 465                   470                   475                   480
130 Leu Val Tyr Gly Val Ser Ser Leu Gln Gly Gly Lys Leu Glu Gly Gly
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151 tcttcctatg ctgatgctta ttcttccttt agaaggttcc tacccagtgc ttgctgttat 180
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RAW SEQUENCE LISTING
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Input Set : **A:\Seqlist.txt**
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:1624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:1628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:1629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:2772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
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L:3626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:3706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
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